

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2176	((95/146) or (585/14) or (208/58, 208r,16)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:41
L2	3532	((502/414,415,407,410,412,411) or (95/146) or (585/14) or (208/58,208r, 16)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:42
L3	1269	I2 and gasoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:43
L4	7	I3 and thiol and tetrahydrothiophene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:04
L5	6740	(gasoline with (sulfur near3 remov\$3)) or (gasoline with desulfuriz\$5) or (fuel with (sulfur near3 remov\$3)) or (fuel with desulfuriz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:46
L6	855	I5 and ((zero near3 sulfur) or (sulfur near free))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:54
L7	1028	I5 and ((zero near3 sulfur) or (sulfur near3 free))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:05
L8	226	I7 and octane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:48
L9	16	I8 and thiol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:50

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L10	7	I8 and tetrahydrothiophene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:49
L11	226	I8 and I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:49
L12	0	I9 and I10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:49
L13	223	I8 and ((sulfur near3 contain\$3) or (sulfur near3 compound))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:51
L14	184	I8 and (sulfur near3 compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:51
L15	136	I8 and ((sulfur near3 compound) with remov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:51
L16	62	I15 and ((zero with (sulfur adj compound)) or ((sulfur adj compound) with free))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:55
L17	0	(thiol with remov\$3) and (tetrahydrothiophene with remov\$3) and gasoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:04

## EAST Search History

L18	27	(thiol with remov\$3) and (thiophene with remov\$3) and gasoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:04
L19	11	l18 and ((zero near3 sulfur) or (sulfur near3 free))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:05
L20	10	((("4201751") or ("5179062") or ("4192773") or ("5455058") or ("5858212") or ("5837131") or ("4831208") or ("RE27857") or ("5167797")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:17
L21	4	l20 and crack\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:19
L22	8	l19 and crack\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:30
L23	46	l16 and crack\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:30
S1	885	(502/414,415,407,410,412,411).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:42
S2	26	((502/414,415,407,410,412,411).CCLS.) and perlite	US-PGPUB; USPAT	OR	OFF	2003/04/04 17:31
S3	26	((502/414,415,407,410,412,411).CCLS.) and perlite	US-PGPUB; USPAT	OR	ON	2003/04/04 17:32
S4	180	perlite and \$2sorbent and (zinc or zn or zno)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 17:32

## EAST Search History

S5	60	(perlite and \$2sorbent and (zinc or zn or zno)) and perlite same \$2sorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 17:38
S6	19	((perlite and \$2sorbent and (zinc or zn or zno)) and perlite same \$2sorbent) and alumina\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 17:37
S7	18	((((perlite and \$2sorbent and (zinc or zn or zno)) and perlite same \$2sorbent) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:11
S8	14	((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 17:38
S9	5	((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and perlite same \$2sorbent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 17:38
S10	13	((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 18:05
S11	14	((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 18:06
S12	5	(((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)) and aluminate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 18:07

## EAST Search History

S13	4	(((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)) and aluminate) and (zinc or zn or zno)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/04 18:15
S14	7	(((((502/414,415,407,410,412,411). CCLS.) and perlite) and alumina\$2) and (nickel or ni or cobalt or iron or manganese or mn or fe or copper or cu or molybden\$2 or tungsten or w or mo or silver or ag or antimony or sb or vanadi\$2 or v)) and (zinc or zn or zno)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/04 16:53
S15	1	("6429170").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/04/11 17:36
S16	1	("6656877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/04 16:53
S17	1	("6429170").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/04 16:53
S18	3	((("6656877") or ("6864215") or ("6429170")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:12